

INTERNATIONAL SEARCH REPORT

International Application No

/IB 03/05584

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06F9/38 G06F13/40

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/73566 A (ANALOG DEVICES INC) 4 October 2001 (2001-10-04) the whole document	1-7,11
X	EP 0 778 531 A (TOKYO SHIBAURA ELECTRIC CO) 11 June 1997 (1997-06-11) abstract	1-4
A	claim 1; figure 3	5
A	EP 0 494 056 A (IBM) 8 July 1992 (1992-07-08)	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

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18/11/2004

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Information on patent family members

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Patent document cited in search report	Publication date		Patent family member(s)		Publication date
WO 0173566	A 04-10-2001	US 6662260 B1 WO 0173566 A2			09-12-2003 04-10-2001
EP 0778531	A 11-06-1997	DE 69619481 D1 DE 69619481 T2 EP 0778531 A1 JP 9218734 A KR 202330 B1 US 5862359 A			04-04-2002 17-10-2002 11-06-1997 19-08-1997 15-06-1999 19-01-1999
EP 0494056	A 08-07-1992	EP 0494056 A2 JP 4295947 A			08-07-1992 20-10-1992